



**Shri Vaishnav Vidyapeeth Vishwavidyalaya**  
**Shri Vaishnav Institute of Computer Applications**  
**Choice Based Credit System (CBCS) Scheme in the light of NEP-2020**  
**BCA with Big Data Analytics - IBM**  
**SEMESTER - II (Scheme 2023-2024)**

S. No.	CATEGORY	COURSE CODE	COURSE NAME	TEACHING SCHEME/WEEK			CREDITS	EXAMINATION SCHEME					TOTAL MARKS
				L	T	P		THEORY			PRACTICAL		
								End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment* (20%)	End Sem University Exam (60%)	Teachers Assessment* (40%)	
1	Major	BSCDS202	Java Programming	2	0	2	3	60	20	20	30	20	150
2		BCABDA203	Agile Development Methodologies (DevOps + Agile)	2	0	2	3	60	20	20	30	20	150
3	Minor	MABCA202	Fundamentals of Probability and Statistics	3	0	0	3	60	20	20	--	--	100
4		BSCDS201	Data Structures	2	0	2	3	60	20	20	30	20	150
5	AEC	ML307	Environmental Management and Sustainability	4	0	0	4	60	20	20	0	0	100
6	GEC	GENERIC ELECTIVE		0	0	0	4	60	20	20	0	0	100
<b>TOTAL</b>				<b>13</b>	<b>0</b>	<b>6</b>	<b>20</b>	<b>360</b>	<b>120</b>	<b>120</b>	<b>90</b>	<b>60</b>	<b>750</b>

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

\*Teacher Assessment shall be based following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.

Chairperson  
Board of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

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Faculty of Studies  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Controller of Examinations  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Joint Registrar  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore

Vice Chancellor  
Shri Vaishnav Vidyapeeth  
Vishwavidyalaya, Indore